

Listing of Claims.

1. (cancelled).
2. (cancelled).
3. (cancelled)
- 4.(previously presented) A piston-cam engine, which includes:
 - a drive cylinder;
 - a drive piston operably disposed within said cylinder having a piston head and a shaft;
 - a support frame having a generally cylindrical bearing surface;
 - a drive shaft rotatably movably received within said cylindrical bearing surface;
 - a cam having a peripheral surface and having a plurality of lobes thereon;
 - a roller member connected to said piston shaft and adapted for engagement with said peripheral surface of said cam;
 - spring biasing means for biasing said roller member continuously against said peripheral surface of said cam;
 - a first slave cylinder adjacent said drive cylinder and has a first slave piston operably disposed in said slave cylinder and has a piston head and a shaft, wherein said first slave piston shaft is connected to said support drive plate to absorb part of a force exerted on said support plate during operation of said engine; and
 - a second slave cylinder adjacent said drive cylinder and has a second slave piston operably disposed in said slave cylinder and has a piston head and a shaft, wherein said second slave piston shaft is connected to said support drive plate to absorb part of a force exerted on said support plate during operation of said engine.

5. (cancelled).

6. (previously presented) A piston-cam engine, which includes:

a drive cylinder;

a drive piston operably disposed within said cylinder having a piston head and a shaft;

a support frame having a generally cylindrical bearing surface;

a drive shaft rotatably movably received within said cylindrical bearing surface;

a cam having a peripheral surface and having a plurality of lobes thereon;

a roller member connected to said piston shaft and adapted for engagement with said peripheral surface of said cam;

a support drive plate interconnecting said piston shaft and said roller member;

a first slave cylinder adjacent said drive cylinder and has a first slave piston operably disposed in said slave cylinder and has a piston head and a shaft, wherein said first slave piston shaft is connected to said support drive plate to absorb part of a force exerted on said support plate during operation of said engine; and

a second slave cylinder adjacent said drive cylinder and has a second slave piston operably disposed in said slave cylinder and has a piston head and a shaft, wherein said second slave piston shaft is connected to said support drive plate to absorb part of a force exerted on said support plate during operation of said engine.

7. (cancelled).

8. (previously presented) The piston-cam engine of claim 6, which further includes spring biasing means for biasing said roller member continuously against said peripheral surface of said cam.